Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 10 Feb 2021 until 23:59 on Thursday 11 Feb 2021

Forecast Issued on Wednesday 10 Feb 2021 at 00:35

Confidence: High confidence in the continuation of very cold easterly airstream for the first couple of days however lower certainty about the progression of a milder southwesterly frontal system towards the end of the week.

Headline for Wednesday 10 Feb 2021: Scattered snow showers but some sunny intervals too, cold northeasterly winds.

Mountain weather hazards on Wednesday 10 Feb 2021

Blizzards No Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Heavy snow	Light snow showers	Light snow showers	Light snow showers	Light snow showers
Precipitation probability					
60%	60%	40%	30%	30%	20%

Forecast for Wednesday 10 Feb 2021

Weather: Snow showers are likely throughout the day but these should only give slight accumulations and be fairly short lived. Otherwise some bright or sunny periods throughout the day with variable amounts of cloud. Severe wind-chill but these winds will slowly ease.

Chance of cloud free mountain/hill tops above 600m: 80% chance, a few patches of cloud below the summits at times especially in snow showers.

Visibility: Very good visibility but dipping to moderate or poor in snow showers.

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Forecast for Wednesday 10 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 NE	13/18 NE	14/20 NE	12/17 NE	10/16 NE	12/18 E	12/19 E
300	6/16 NE	7/17 NE	10/20 NE	8/16 NE	6/15 NE	5/16 NE	6/17 E
Valley	7/19 NE	8/18 NE	9/19 NE	8/17 NE	6/16 NE	6/15 NE	5/14 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-13	-6/-13	-5/-12	-5/-11	-6/-12	-7/-13	-6/-13
300	-4/-8	-4/-8	-2/-7	-2/-6	-4/-8	-5/-9	-5/-9
Valley	-2/-6	-2/-6	0/-4	0/-4	-2/-6	-3/-7	-3/-6
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill expected and frozen ground at all levels, it will be bitterly cold on the hill tops and where exposed to the wind.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 10 Feb 2021	1.2mm	2.8mm	2.8mm

Forecast for Thursday 11 Feb 2021

Weather: A dry day with lots of winter sunshine. Still feeling very cold.

Maximum wind: Southeasterly 15mph with gusts 20-25mph

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops with some good views, a few patches of cloud around the tops from time to time.

Visibility: Very good visibility.

Temperature: **Valleys:** Minus 3 rising to Plus 2 Celsius
At 600m: Around -6 Celsius.
Freezing level: Frozen ground at all levels

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